A Slifsertation on Amos Ward, W. 2. M.

Georgia

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The following observations on the identity of four and the headment of its various from an autoproblemly dubmitted to the Travelly of the University of Temperature in obedience to the laws of that he Millelini.

I have a deficient guestion and one which has employed surech of the harming and laborated the dischard of the harming and laborated the Medical Graphing seen from the time of Hipporals are home use get descounted in fronting out the could be harally a tentiment of chipporal phraamma fronting by febrit agents and exploited in the auch of disease. It has a street is a discapancy of of disease. It has a street is a discapancy of opinion among author, with regain to any Subject, all caunt he right.

If there men, who are underwise with superior mental ability 4 who have had the advance top of a rule of motivation, who have appeal any opportunity for the enthur have of Medicine, connected with the most extension Nofely

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be formaries and Armies, and in the most sickly parts of the world, disagree as to the nature and origin, and landity of the febrile agent, the different laws which modify its acstion; if men undowed with the noblish faculties of human nature, who have shed a light on every athron branch of the science, yet have not her able with their united quies, & application, to illustrate this subject, it may appear wain in me to aftempt a doletin of the difficulty, or to these our additional light on this abscur point in Medical Science. we Without indulying such a hope, I have chosen this Subject, mor with a view of making myself more thoroughly asquainted with it theme I would atherwise become. I am fully convinced that I cannal make myself too fully argumented with all that what's to it, and this, it is hoped will be a sufficient excuse, (if any he neafray) for my apparent rent allempt to grasp at things beyond my reachem The succession hapotheses prevailing through a long period of medical history, have been numerous;

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and they present to us forweignt notions, more count und visionary than the opinions of the auxiliate your with regard to ather Lubjects.

They lived at a period called, by them, the scientific age, but by us the moon or down of Science; and we imagine me hour arrived at the merestian splendour of science, but may not the lapse of a few centionies expose the folling of principles now deemed incontrovertible? There is a populately of this, let us not, therefore, centure our pre: . chaefons too severaly, lest we be consued in our turn. The agent producing febrile affection is now thought to be produced by a decomposition of animal & negetable matter, from the circum. estimos of peaces heing mon prevalent in those districts where animal and negetable matter one undergoing a decomposition: we attribute it to this cause; but of its existence we have no Knowledge, with the exception of the effects which it produces. As to it's constituent or elementary principles

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we are ignorant, and what we take for granted is, that a noxious althial fluid is quested. It is said by some missuata may be guerated from a variety of Sources, but this I am not willing to admit front we take into consideration that the constituent and elementary principles of the earth are few in number, we shall find that there are but few newerles for the origin of this peculiar compound.

Measur is a queric term meaning a gun. unted ethereal pluid, which, when applied to the system, under peculiar conditions, is capable of producing fibile affections . - By Some it is thought that stagnant water produces Miasma; but we Know that water is indestinatible and cannot be any thing more or less than an agent, or mentioner, in the production of Marma. It is meeffary that a cutain deque of moisture and heat exist at the dame time for the producation of this notions vapour -We know that it is well ascertained that most,

if not ale, Kinds of negetable matter, when deprived

of their water by braking, is by my aller for als which for first one, will summer sundering fact for an integral with their me other ances in which was a more matter is much more durage titche of a composition of in which more than a fitched of the composition of in which more than the content of the forest one suffered to write the content of the

It must be evident to every one that the imjustes of free water amount form moving to a dealthy righter in it from a by the emporation what later from winner or conjugated with movies and the summer of the second of the second

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alone, is not always a south of fewer .- Let us for a moment consider the immense quantily of business foliage awally clothing the forest which at the approach of autum branes its verture and undergoes decongresition, which alone would produce fives all ones the worlds, were it capable of so doing without the aid of the loss anauth of other negitable matter which, under the most javourable ricom stances, combined with a Lufticioney of moisture of aided by a scorchier dem, as me see on the parm yards, without heing while to excel fewerd. It & regulable decomposition alone could produce this effect, we would the captainly have fraction their most marignant former in every ponest and every form it the apposed of hummer. The Know that no people are more exemple beow petials of fections than en forestial inhabitaits, unete from dituations where agriculture is extensionly practiceop. ... It is also my conclusion that the decompositions arineal meather is incapable of quesating this motions agent, + as a demonstration, jour of this are may eite the exhunination (conducted under the direction afe

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Thereard) of the public bureal ground, setwated in one of the most prequented of operators parts of Paris which had here one of the deposits of dead hadies, until the earth had be come elevated dix or eight feet above the common level and leterally the dead were huried in the deads. The ground headure to much prequa . to with prutripying human remains, that the exhalation from the around because the source of public nuisan and recolat no the minds of the people disquely indignation - The police taking advantage of this public peling determined on the removal of this Superstration of human deposit. It the commencement, which tooks place in the bathe part of autum & was continued during theo winter & early jearl of Spring, the qualit courtion was obstance, but no accessent trak felaco, althorthe labourers were almost stiffled when breaking in separe a coupse, which had not undergow project decompositions, by the yas drising) in a consultated. Itali. And in the latter part no regard was praid to sendon of the near, a amparticular

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caution abserved in fever was Known to take place in any of the labourers engaged in that interprise. As a putter evidence I with the report made by Buthe, respection at Montpelier, & two of the ordingues at What University, who were sent by the convention of ", and into a fearing, to examine of suport the nature of the Vellow Four which had proves defatal in several parts of-Some in 1800 .. Bowy at Swills in few months able the epidemio had ceased; he states, in himport, that the hurest ground in which the victims mergeland is composed principally of elay, or the Leadon heing warm the ground eracked into winds of dup creviers through which fated exhalations book place, in consequence of the decomposition which was going on a the mays or dead budies. Notwithstanding the large consend of people that doily krisited these burial grounds, some to gratify idle curiosity & others to testiby their regardyon departial diends. And after refrealed y accomations of the quards & grave diggers Stationed at these places, and from other Loudes equally claiming our confidence, not a

case of fewer we believe to be to the film and in contiguous of beaching this atmosphere in fewer party of well of his atmosphere to the second of human of compositions.

About a conclusion to me mind that the obmind anothern's of this Forward of closers in Steward continues as not to the active afone by the combined influences, a restrict sum 4 moisture without producing a substance of endeath to our dones, and the chancel counted the chance counted district it with all the networks.

Who is know that the chamistry his never yet almost that the existence of meadon, but it does not wrist, -

The disputables or its inquesting from hidden ment and the stands, or from the appearance of time to altogethe with made in indeed me and demanded fracts with which we are a your or of herest the the high time of these lasts the philotomy processor or decessed the philotomy these lasts them we proceed of the west to be proceed of the west them we are proceed on the sound of the west to the appropriate of the philotomy to the sound of the west to the the west to the the west to the the west to the west to the the west to

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levers when the are no wolcowness or taithy earlies or county & whom these photonomens are present members have no symbolic in former of agracult the tippe of found, or any operation prevailing at the time of their appearance.

These breatherness constitutions enpublic of regarding ferress on should have there in Notemies chibriets, in many manify a stage of agrand have paragraph the inhabitant, with death releases the victime, But me do not find this is better and

The corresponsible of one placet much its provide in fine a sure transfer the amount of the analysis from a company to the the company to the composition of these should be from a composition of these should be form a conficulty for the composition of the conficulty of the composition of the composition of the conficulty of the confic



variety of martier kinners to our about it mis all this different of said to be form in the property of marter depends on an amount of That his signately to form compounds.

The youther now oring, from whose day the frontier again take it origins? the have attempted to from the ayetable to assume that it cannot be from the expension of from the expension of from the expension of the enterthe with much original from the expension of the continue affects original them is an expension of the continue affects original them is no superior of the continue affects and the decomposition of enemy and any take the mills and the decomposition of enemy and any take the advantage of the continue affects or the superior of the continue that we have the action of the continue that the action of the continue the action of the continue that the continue the continue

who have to option much labour much patient investigation of grands in the specialism of press. It had me it me more about a grands of the original different on energy of through the different actual is broading it in the highest making it produces all the different press of freed appearance although the different press of freed appearance although the different presses of freed appearance although the statement of the different presses and freed appearance are further our tracks throw . Me, I believe agree in one further that

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namely, that it is neight for its application to lime . hast of the little in order that it I have produce its full effects.

Experiments prove that there are but two names areness through which this agent our sules the system, viz: the mouth are note, from them to the lungs . , because enlangted with the saliva, whilst enlaught in the papage & conveyed through the asophagus la the Stomach. Here I will late the liberty of representations the wite practice of laking maps & plucking out the hairs which grow in the cavity of the note. This haves acts an important part in the preservation of our health They ach the part of cutivels in preventing foreign matter from entring the lungs. If plucked out this have to do this office, I if the owner of the nose is quilty of the vile practice of taking souff, they become matted & perform their functions impers

the know that the sympathy existing be though the horizon and Monach , I on for the system

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is nothing in comparison to that which with regard to the Sound & alimentary tube . too time that a de congenient of this canal affects the sexten more en lift in proportion to the extent of devalue of decomments. Whereas, the lungs were be offected to a conserve . He extent & som the langer perter may be a massey desease of stile the health he had hell's a feeled; the palients appetite & diquetine agains in in putty Sualthy condition & perform their functions in a many of natural manner; retaining his appetile & specie to the last. It is time, he become, pate full. I emakated in the course of time in consisser and the inapparity of the lange in perferming their. functions. From this remise of reasoning, more to the conclusion, that it must be applied to the Stomach, & from them extending through the alimentary canal affecting the organs engagest in the friends of assemilation schiple fications. The now have this proute as agent with

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alimentary tube . . I north our wise with regard to it particular when on these eye so store I not the part of a Stinute or the all Sedate will ast empressed in the sich ? the we of the talle of more from the elijate just perdue , much ender to en Suisis. the, in most instance, after the application of this agent in the existation of ferred, a deviation below the mean temperature of a hearth, system, Some times more & Some times lep, with languon, listlepup of the mental & bodily energes, on indin position to thank a de from the weam beach parture, will more in less discussives, sometimes a desposition to Mup prevails, but is presented by the predom one of a morbid initality which harraps the patient Amaker him with for sleep, after which he promises himself a speedy necessary from his son' leasant South tions. But able a Sheet supase, is survinsday sleep, he awakes with more or a parciety & comparison of mus in brugue & founded are day, third more or by wand, which he allowpto to allow by taking

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time I rejuded demochts of old a che . Reputer browns were . If hours will some distribute, but the flavour of the formation of the will make the flavour of the state of the

down prepared to the extent of beaut entrainer, the selection of the september and of many importance to the selection of the september many other organs the laws of the september and related.

Arm the court of reasoning of our brought to the en children that all forms originate from the same heave soffer in the same heave soffer in the same have form each other than the wine table and partners further the leave that own table as graduatable of furthers of the congruent but

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dictions to the dominate a new century best . And what conclude the to another of formers is the bookers much when the different phononomies a between the different phononomies of the continued of the continued

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Hadamen. He have we is idented that the expectable excited instrumitant or remiterate, or that sales is a clip Billions or Millian funció mille fraches that one agent fractions of Millians fractions of the fraction into the first of action in the fact, explant of designan affected, the agent of feeling of the countries of the mercens systems is in a desayant the war of affected, or the countries of the mercens systems is in a desayant transfer on disposed to late a desented action; so the part of the Aure accessor installation in a desented action; so the the grantly of alienased coolings in a defeated for the recovere system.

there find it to be an altered nation in the fack.

Un one dendith of him his nations presenting the digition, that of hast they must executive, and every gradient from the health nation and these or analyshim in the grantly of diseased (HI) was to refer be more the same that we cannot have make they greater that is grant to the most they greater that is grantly for them the offers front that it is problem and on his them the offerst produced him although a callow a section or them the offerst produced his significant their offerst produced his significant them offerst with his significant for different for the significant them offerst produced his significant them offerst produced his significant them offerst produced his significant.

oli la hout in he in a direct fee tention of the extent and enteredy of diseases whom, the tentility of the push or organ affected and the numbers of organs or fault implication in the disease.

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good, for in many nestances me have sutermittent , Remittent powers prevailing during the latter part of spring, Summers & the communeument of autum. but this variations can be accounted for satisfactivity by admilling that the mindma is not our ated in a unantity sufficient to produce the higher you do ale fewer of one have no histation in as niting this buch. It may not here be a nif to take a Surary of the people inhabiting the nothern regions of Eurape. Who, during a perior of fine, six or light mouth retire to wenter quarters, which contest yarts duck het de pets of dig or tim feet bulan the surface of the earth, thatcher with varies. Their appartments are small & each writing the members of fermer six families togo this with their Stock of pravisions which contists of dues fish in to wow slages of frutil action. A. ar is permitted to sutes their dwelling week! through a small hole in the top. They have no five to dufo their food or Keef thurseless warm, but the necessary warmth is kipl up by pulms very + autaneous exhalation, a small lamp illuminal,

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le. j. there habitations of down they cai, the per along att the dominates of sentences, middent the bands creationed as to descence of what is asteroided per banks, who considerates a training they are jumpy goods built the senant security which you with the senant person of lighters from an activation they have been person of lighters from the accordance and the general between the senant built the senant will be the senant person of senant the senant beautiful to the senant agent, but the produce of the selection of a difference of the senant will be the senant agent, but we account the substitute of the senant senant and have a the senant and have a the senant and have a the senant and the

I amend thelp bulescribing, in some stages, It the Breenarian stacking to all our remediate agents in the bulescribe of it but between yo before that surfaces which he to able incurrents.

We have but our adject in view in the treatment of its fabrile of factions, that is to restore healthy action to the front of feather mine good government in the zystem. As the actional system is decomposed in a direct

ratio to the generally of diseased action of the neurous within is in a direct ratio to the up that I sentended of directed

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affected; in the treatment of see fit its affection as we to be accounted by the second for more whose for the entered affection we call the allect movement to describe a chief of

the different dynatoms appearaneous abserved to point out the seat of diseased notion

The most conspicious agust in activing enterial action of year comment in the sustained so the Sources and of the second of the second of the second of the second of the healt strange, but I am not opinious that they are described in any provides of the hot strange to long or the strain is that I day table the period of an and second. For their employments.

In all aneas on the application of me remedie due hay not could be the exceeding dynaptions ... I seld in water me beeches, they your thin description to me bound of commencement is replacation. The case apply them to usual part of the distriction has now mention and the distriction has now mention and the fronts what he existed. The sometimes at another part of the second the sometimes and mention are not such the existed.



and in four of melinelans sugger on a somethy and the break is being applied names to the soul of the interest of the soul of the

Ememate are of the greated importance in fee decing about on memorians when the thomash with only present the introduction of enthanties. Attended in a remark many are by conditionally establishing influentations which was by inviting to the part increased arterial 4 nervous at ten with by this means, the observe in the original part

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is diminished & action + government are restored in the puls affected.

We have a desensed action generaled in the part produced by continued stainabilities in the hard firstered affected is and chief seed to continue the delember action is and confined to continue the delember action is as soon as see could be apply stainable. The party regain their healthy state.

Mercuial jurgations are of the quarter ine justance to are mot to be neighborial, they down to establish juricitimat action more specifically the and other agent with what we are accommission. They also allow presents without me many observe, more from filly them may able of our agents are particularly when given in continuation with opiem the act to be governed been as mercry also accept, by symptoms then premising in the systems

in talicating 4 may my our remover. We have morning of my cute for alloying activine action 4 new or intelligent in the see one to

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idinguerary of the system in applying there agrees and in riging them to the people extent, beyond which they may from the transcripe.

We are always to Sing in wear the abuncating title it in the affiliantime of all one remarked to be without to be suffered to the present of the sold to be to the superior to the sold to be to the superior to different along of agent in welling the styllow its its former states of beaths. These were allow tories, from their agency in restrong a both time or strongth to the dauffering puch, in the what time or strongth to the auffering puch, in the what time or superior and the remarked of the old for our week to generally we will be go to the superior of the superior of the strongth of the descent of the continuous of the patiency, which it is surreaffered to delice it is surreaffered to delice in the strong to delice it, is surreaffered to delice it.

With regard to the particular article of the meeting medica is which the perfection of hundled by given, no emerge, throughte rate out he former. Calonel is sucted that the hill evaporated for the which is a commutated in the structure of bulk which is a commutated in the structure of the action in febrile and ed. But the great facility with which some palents become dational of

4.1 Kure What is we abjection in some instances, to the repeated existitue of this notice. In seach cases caterned many he advantagened of this interfer in courter when much some negatives and make had as fallish or advantage caster ail also prouse me constitute tour instance with carlonel in cases where the stown who couldness would be called in cases where the stown who couldness we stake a prompt out here is.

Of emetics the preprience should be given to the brutish of autimory. The actionly of this emister is buch that I would accommend the exhibition of it is made & aspeaked above what the effect a presence, without thought of superatured, without thought for some thought on the producer the what of first, I no more though my the desirability thousand be presented in all cases in which there is involved to the presented in all cases in which there is involved at the interior action.

These exacusary, my amelies, certificate as borry as inexpected by continuous as borry as inexpected by continuous as borry as inexpected white the matter in the streament indications. If the exacusations appears a hardleby appears the fresher continuous high a case that stees not affer and for the many he restured by the laments he there, a now

bathing is very exteful, not only in promoting the actionsons somewation, but also in afsisting the aperation of the cathactics of ather evacuent medicines applied to the intestinat canal. In the exhibition of tours, care must he taken that the stousek he perpais for their reception by being clear of a cid secutions and pregram model initability - In hot alimates & in cases in which the system has been much impubled by surcuations it may be nearpany to exhibite tonics of stimuli dufore the While action has enterely, desappeared. Under alher resoum Stances, homewor, we will accomplish our sellimate obged more satisfactorily by waiting for a perfect unificon of the nation symptoms before we exhibit a tonie. - As to the selection of a tonic me much he governed much by circumstances, the have many articles belonging to this class, among which it would he difficult to choose, without due regard to the edecognoracy of the patient & other aircunstances which an always present in the eye of the practitioner. Wealso meet, almost doily with cases in which the genelest

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number of tonic medicines are rejected by the stomach, or effect the intertions in a persisions manner.

I peterme that I will be expended from entiring tests on the motion of this member prentical less to of the momentates in which they would be devently performable. One remarks, respecting their sees of prome light to important to be mugherland, only the lenses given for the perspect of well-wing the system downstained disappoints accomplished by materiage at their transfer the personner hands from the personner desired by materiage at their training disappoints act the personner desired by materiage at their training disappoints at the personner desired to be in the first or me constitution that he personner desired to be sendly with the proper remarks for the second influences which they proper remarks for the attenuate influences which they may expect on the attenuatery

It is not according to remind the bearned Faculty to whom judgment there remarks are submitted, that the times of a their are too moment for a full exposure times fall the Menonleys that a Single of my against much prolific a subject of investigation as facult superior the consideration to be to be superior to be considered and



wantages for the arguisition of science that are offued by the University of Tempyleania. What is here thrown togother is respectfully submitted. Amos Marco.